

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



**(43) International Publication Date
30 September 2004 (30.09.2004)**

PCT

(10) International Publication Number
WO 2004/083594 A3

(51) International Patent Classification⁷: E21B 23/00,
43/10

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(21) International Application Number:
PCT/US2004/008171

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(22) International Filing Date: 15 March 2004 (15.03.2004)

81) Designated States (unless otherwise indicated, for every

(22) International Filing Date: 15 March 2004 (15.03.2004) (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(25) Filing Language: English

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CI, CN,

(26) Publication Language: English

CO, CR, CU, CZ, DE, DK, EA, EL, ES, FI, FR, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

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PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM

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(84) Designated States (unless otherwise indicated, for every
ZW.

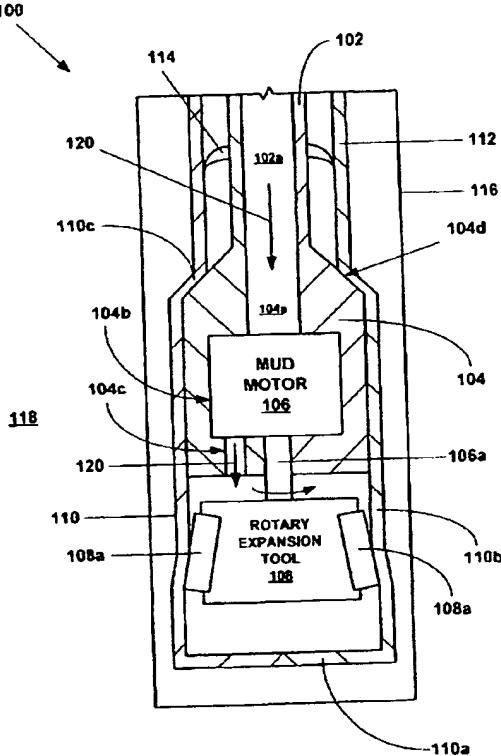
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kind of regional protection available): AKFO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW)

[Continued on next page]

**(54) Title: APPARATUS AND METHOD RADIALLY EXPANDING A WELLBORE CASING USING AN EXPANSION MAN-
DREL AND A ROTARY EXPANSION TOOL**

(57) Abstract: An apparatus and method for radially expanding a wellbore casing (112) using an expansion mandrel (104) and a rotary expansion tool (108).



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Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

(88) **Date of publication of the international search report:**

19 May 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08171

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : E21B 23/00, 43/10
US CL : 166/380, 382, 207

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 166/380, 382, 207, 206

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,785,193 A (KINLEY et al) 15 January 1974 (15/01/1974), Figures 1-3.	2, 4-6 and 8-15
X	US 2,627,891 A (CLARK) 10 February 1953 (10/02/1953), Figures 1 and 4.	2, 4-6 and 8-15
A, P	US 6,543,552 A (METCALFE et al) 08 April 2003 (08/04/2003), Figures 1-7.	1-15
A	US 3,818,734 A (BATEMAN) 25 June 1974 (25/06/1974), see Figure 1.	1-15
A	US 2003/0024711 A1 (SIMPSON et al) 06 February 2003 (06/02/2003), Figure 2	1-15

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Date of the actual completion of the international search

11 January 2005 (11.01.2005)

Date of mailing of the international search report

16 FEB 2005

Name and mailing address of the ISA/US

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Fonn PCT/ISA/210 (second sheet) (January 2004)

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